



ITW # 1639


<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Complete if Known	
	Application No.	10/019,052
	Filing Date	April 22, 2002
	First Named Inventor	Roger NEW et al.
	Group Art Unit	1639
	Examiner Name	Mark Lance Shibuya
Total Number of Pages in This Submission <u>90</u>	Attorney Docket No.	1417-212
	Customer No.	06449
ENCLOSURES (check all that apply)	Confirmation No.	5183

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                          | <input type="checkbox"/> Assignment Papers  | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input checked="" type="checkbox"/> Amendment/Reply                               | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                              | <input type="checkbox"/> Terminal Disclaimer  |  |
| <input checked="" type="checkbox"/> Information Disclosure Statement and PTO-1449 | <input type="checkbox"/> Request for Refund   |  |
| <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)        | <input type="checkbox"/> CD, Number of CD(s)  |  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application        |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53      |   |  |

**Response to Notice to Comply and return copy and copy of Powerpoint presentation.**

REMARKS:

SUBMITTED BY		Complete (if applicable)			
NAME AND REG. NUMBER	Jeffrey L. Ihnen, Reg. No. 28,957				
SIGNATURE		DATE	June 20, 2006	DEPOSIT ACCT USER ID	02-2135

 <b>FEE TRANSMITTAL</b> for FY 2005 (Small Entity)		<i>Complete if Known</i>	
		Application Number	10/019,052
		Filing Date	April 22, 2002
		First Named Inventor	Roger NEW et al.
		Examiner Name	Mark Lance Shibuya
		Group Art Unit	1639
<input checked="" type="checkbox"/> Applicant claims small entity status	Attorney Docket Number	1417-212	
Total Amount of Payment	<b>(\$690.00)</b>	Confirmation Number	5183

**METHOD OF PAYMENT** (check one)

1. ☒ The Commissioner is hereby authorized to charge the fees indicated below or credit overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any additional fee required under 37 CFR 1.16 and 1.17 to Deposit Account No. 02-2135.
2. ☐ Payment by check enclosed

**FEE CALCULATION** (continued)

**4. ADDITIONAL FEES**

Fee Code	Fee Paid	Fee Description	Fee Paid
1051	65	Surcharge - late filing fee or oath	[ ]
1052	50	Surcharge - late provisional filing fee or cover sheet	[ ]
1053	130	Non-English specification	[ ]
1812	2,520	For filing a request for reexamination	[ ]
1804	920	Requesting publication of SIR prior to Examiner action	[ ]
1805	1,840	Requesting publication of SIR after Examiner action (reduced by basic filing fee paid)	[ ]
1251	60	Extension for reply within first month	[ ]
1252	225	Extension for reply within second month	[ ]
1253	510	Extension for reply within third month	[510.00]
1254	795	Extension for reply within fourth month	[ ]
1255	1,080	Extension for reply within fifth month	[ ]
1401	250	Notice of Appeal	[ ]
1402	250	Filing a brief in support of an appeal	[ ]
1403	500	Request for Oral Hearing	[ ]
1451	1,510	Petition to institute a public use proceeding	[ ]
1452	250	Petition to revive -unavoidable	[ ]
1453	750	Petition to revive - unintentional	[ ]
1807	50	Processing fee under 37 CFR 1.17(q)	[ ]
1806	180	Submission of Information Disclosure Statement	[180.00]
1809	395	Filing a submission after final rejection (37 CFR 1.129(a))	[ ]
1810	395	For each additional invention to be examined (37 CFR 1.129(b))	[ ]
1801	395	Request for Continued Examination (RCE)	[ ]
1802	900	Request for expedited examination of a design application	[ ]
1504	300	Publication fee for early, voluntary, or normal publication	[ ]
1505	300	Publication fee for republication	[ ]
1455	200	Filing application for patent term adjustment	[ ]
1456	400	Request for reinstatement of term reduced	[ ]
1814	65	Statutory Disclaimer	[ ]
Other fee (specify)			[ ]

**FEE CALCULATION**
**1. FILING, SEARCH AND EXAMINATION FEES**

Code	Fee	Fee Description	Fee Paid
1001	150	Utility Filing Fee	[ ]
	395	filed before Dec. 8, 2004	[ ]
1111	250	Utility Search Fee	[ ]
1311	100	Utility Examination Fee	[ ]
1002	100	Design Filing Fee	[ ]
	175	filed before Dec. 8, 2004	[ ]
1112	50	Design Search Fee	[ ]
1312	65	Design Examination Fee	[ ]
1003	100	Plant Filing Fee	[ ]
	275	filed before Dec. 8, 2004	[ ]
1113	150	Plant Search Fee	[ ]
1313	80	Plant Examination Fee	[ ]
1004	150	Reissue Filing Fee	[ ]
	395	filed before Dec. 8, 2004	[ ]
1114	250	Reissue Search Filing Fee	[ ]
1314	300	Reissue Examination Fee	[ ]
1005	100	Provisional Filing Fee	[ ]

**SUBTOTAL \$**
**2. CLAIMS**

	Extra Claims	Fee	Fee Paid
Total Claims	[ ] - 20* = [ ] x	\$25 = [ ]	
Independent Claims	[ ] - 3* = [ ] x	100 = [ ]	
Multiple Dependent Claims	+	180 = [ ]	

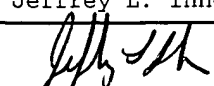
\*or number previously paid, if greater

**SUBTOTAL \$**
**SUBTOTAL \$690.00**
**3. APPLICATION SIZE FEE**

Total Sheets [ ] - 100 = [ ] /50 = [ ]\*\* x \$125 =

\*\* Number of each additional 50 or fraction thereof

**SUBTOTAL \$**

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Jeffrey L. Ihnen, Reg. No. 28,957		
SIGNATURE	DATE	DEPOSIT ACCOUNT USER ID	
	June 20, 2006		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/019,052  
Applicant : Roger New  
Filed : April 22, 2002  
TC/A.U. : 1639  
Examiner : Mark Lance Shibuya

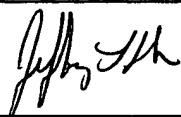
Docket No. : 1417-212  
Customer No. : 06449  
Confirmation No. : 5183

**Mail Stop: Missing Parts**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS

In response to the Notice to Comply with Requirements mailed December 20, 2005, Applicants submit that the current application does not need a Sequence Listing. The consecutively listed amino acid symbols in the tables on pages 17, 18, 21 and 23 do not represent peptide sequences. They merely indicate the types of head groups of specific embodiments. An amendment to the specification deleting the unnecessary sequence identifiers and the Sequence Listing were made herewith.

<input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>6449</b>					
Name	Jeffrey L. Ihnen, Reg. No. 28,957				
Signature				Date	June 20, 2006
Address	Rothwell, Figg, Ernst & Manbeck Suite 800, 1425 K Street, N.W.				
City	Washington	State	D.C.	Zip Code	20005
Country	U.S.A.	Telephone	202-783-6040	Fax	202-783-6031



## Notice to Comply

Application No.

10/019,052

Applicant(s)

NEW

Examiner

SHIBUYA

Art Unit

1639

### NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set in the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: Please see attached sheet.

#### Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (571) 272-2510

For CRF Submission Help, call (571) 272-2501/2583.

PatentIn Software Program Support

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